Additive Manufacturing & Design Seminar Series
Tuesday, March 29, 2022 | Noon (ET)
*Zoom registration link available in notification email; email amdprogram@psu.edu with questions*

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Mediating Form and Matter in Design: From Control to Uncertainty and Back

ABSTRACT
The talk is about the on-going research efforts at ForMat (Form and Matter) Lab at Penn State University, directed by Benay Gürsoy. Benay and her team explore the relationship between matter and form mediated through the use of digital technologies in design. Current research in the lab includes work on adaptive digital fabrication, and the design and production of mycelium-based building parts and structures.

BIOGRAPHY
Benay Gürsoy is an Assistant Professor of Architecture and the founder and director of ForMat (Form and Matter) Lab at Penn State. Her research and teaching focus is on computational making, digital fabrication, biofabrication, and shape studies. Benay completed her PhD studies in Architectural Design Computing Program at Istanbul Technical University in 2016 and was awarded the Best Ph.D. Dissertation Award by The Graduate School of Science, Engineering, and Technology. She has published and presented her research internationally and received awards, including the 2010 Young CAADRIA Award, and 2015 CAAD Futures Best Paper Award, 2021 AIA UpJohn Research Initiative and 2022 SOM Foundation Research Prize (together with Felecia Davis, Farzaneh Oghazian, Ali Ghazvinian).